

Updated 03/10/08

Task	Subtask	Who	Start	End	Completed
KEY:					
Red: Highest Priority; Blue: Completed; Black: Upcoming					
Ziemke-Chandra run					3/27/08
Perform 6 month Ziemke-Chandra run		Megan	3/24/08	3/27/08	
Aura4 Combo DAS Lightning runs					3/14/08
Perform Aura4 2004 w/ old partitionnox		Megan	3/7/08	3/14/08	
Perform Aura4 2004-6 w/ no lightning NO		Megan	3/7/08	3/14/08	
Perform Aura4 2004-5 and read lightning NO from file		Megan	3/7/08	3/14/08	
Processing GEOS Met Fields					3/30/08
Modify scripts for variant GMAO format in early 2006 d		Megan	2/13/08	3/14/08	
Modify scripts for batch processing		Megan	2/15/08	3/14/08	
Process 2006-7 GEOS5 data		Megan	3/14/08	3/30/08	
GEOS-1/GISS runs (for Hongyu)					3/14/08
Regrid sad/h2o_ch4 file to 46 levels		Steve	1/18/08	3/10/08	
Perform runs		Gary	2/22/08	3/14/08	
StratoPhot runs					3/30/08
Perform 1 yr combo gcm runs (baseline)		Megan/Gary	3/13/08	3/30/08	
Perform 1 yr clear sky combo gcm runs		Megan/Gary	3/13/08	3/30/08	
Perform 1 yr clear sky combo gcm w/ a=0.3 runs		Megan/Gary	3/13/08	3/30/08	
HTAP Processing					
Correct budgetm files for methane, variable names		Gary	TBD	TBD	
Process the TP1x data		Gary	TBD	TBD	

Combo Integration with GEOS-5

Remove mcpr inside emission component Jules
Assist GMAO as needed Jules

Implementing GEOS5 Changes in GMI

Import surface layer depths into emis component	Jules	TBD	TBD
Add option to use predicted CH4/H2O instead of clim.	Jules	TBD	TBD
H2O and H2OCOND transported when using predicted	Jules	TBD	TBD
Match GMI and G5 H2O un	Jules	TBD	TBD
Hand H2OCOND to H2O if H2OCOND in trop	Jules	TBD	TBD
Implement time-flexible interpolation for monthly BCs	Jules	TBD	TBD
1 year test aura4 run with new tropopause/PSC routine	Gary	TBD	TBD

4/30/08

Update GMI to use GEOS5 metfields

Update GMI convective transport for GEOS5	Steve	2/27/08	3/10/08
Generate a test run with G5 metfields	Megan	TBD	TBD
Test trace gas and aerosol output	Steve/Huisheng	TBD	TBD

3/10/08

Gas-phase/aerosol coupling

Run model with new sulfur chem-gas phase only	Steve	TBD	TBD
Run model with new gas phase chem and aerosol modi	Steve	TBD	TBD
Run model with new chem and aerosol modules and ou	Steve	TBD	TBD
Run model with aerosol and chem interacting	Steve	TBD	TBD

5/14/08

Update JPL06 Cross-sections

Have cross-sections validated by M. Prather	Huisheng	3/6/08	TBD
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2/15/08

Add advecCore to the GMI code

Add ESMF calls	Jules	1/2/08	4/15/08
Test new code and validate	Jules	3/15/08	4/30/08

4/30/08

Processing ECMWF Met Fields

Process 2006 ECMWF fields from Michael Prather

Jules/Tom

TBD

TBD

Other Code Updates/Model Runs/Issues

			Varies
Update production run spreadsheet	Megan	as needed	
Gather comments on User's Guide and edit	Megan/Gary/Julie	2/18/08	3/14/08
Assist scientists as needed	Jules/Megan	TBD	TBD
Fix advec_opt bug	Jules	TBD	TBD
Implement stratospheric water transport	Jules/David	3/24/08	4/30/08
Generate self-contained/regression tests for code	Megan	9/12/07	TBD
Decide on monthly vs. daily interpolation	TBD	TBD	TBD
Begin migrating from email groups to ModelingGuru	GMI Team	TBD	TBD
Fix date/met field bug	Jules/Megan	TBD	TBD
Fix leap year bug	Jules/Megan	TBD	TBD
Fix "no emission" bug	Jules	TBD	TBD
Add Linoz to the model	Jules/Steve		
Test Combo/strat code with GCR files	Jules/Steve		
Condense emissions variables into two variables	Jules		
Change netCDF data format	Jules		
Hindcast runs	Megan		
Introduce mesospheric chemistry	Jules/Megan		